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(54) Title: BONE PLATE SYSTEM

(57) Abstract: Bone plate and bone screw lock systems are provided for use in surgical implants. In a preferred form, the bone plate or other implantable member defines a bore for receiving a bone screw and a recess in communication with the bore. A screw lock operates in the bore at the recess to engage and lock the bone screw against unintentional movement. The preferred screw lock is shifted about the screw between an unlocked position to allow manipulation of the screw and a locked position in which the screw lock grips the head of the screw to prevent movement of the screw. The screw lock preferably has a c-shaped collar configuration with opposing ends and a camming engagement with the plate or other member in the recess. Upon rotation of the screw lock, the camming engagement causes the ends of the collar to either shift toward one another in which the collar compresses about the screw to lock the screw or away from another to unlock the screw head.

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